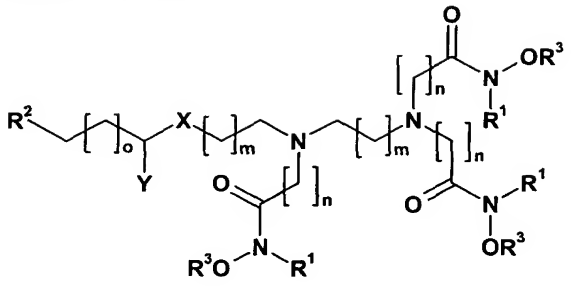
What is claimed:

1. A compound having the formula:



where:

n, m and o are, independently, an integer from 1 to about 4;

X is CH_2, nitrogen ($N(R^4)$), oxygen or sulfur;

Y is hydrogen, hydroxyl, =O (carbonyl), $N(R^4)(R^5)$, or =S;

R^1 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

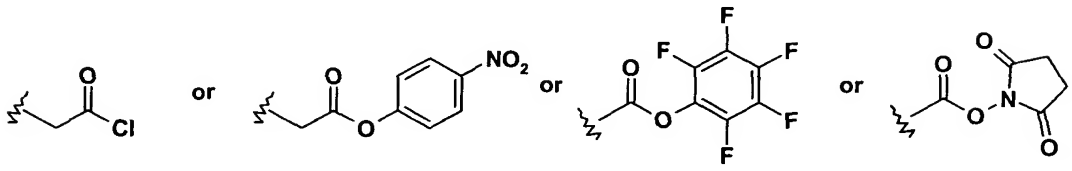
R^2 is an active group such as an activated ester, a carboxylic acid, an alkyl isothiocyanate, an aromatic isothiocyanate or a leaving group;

R^3 is hydrogen or a protective group;

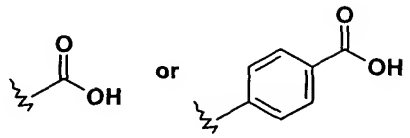
R^4 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

R^5 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

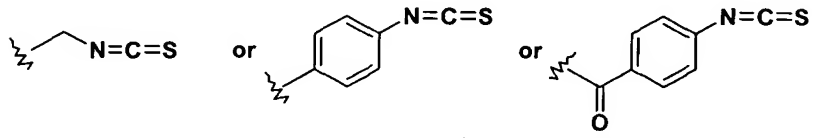
2. The compound of claim 1 wherein the activated ester is:



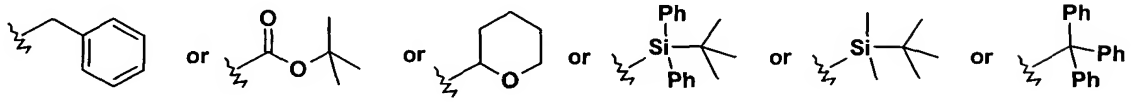
3. The compound of claim 1 wherein the carboxylic acid group is:



4. The compound of claim 1 wherein the isothiocyanato group is:



5. The compound of claim 1 wherein R^3 is hydrogen or a protective group that is:



6. The compound of claim 1 wherein the protective group is *tert*-butoxycarbonyl or benzyloxycarbonyl.

7. The compound of claim 1 wherein n is equal to 1 or 2 and m is equal to 1 or 2.

8. The compound of claim 1 wherein:

n or m or o is 1 or 2;

X is nitrogen ($N(R^4)$) or oxygen;

Y is hydrogen or =O (carbonyl);

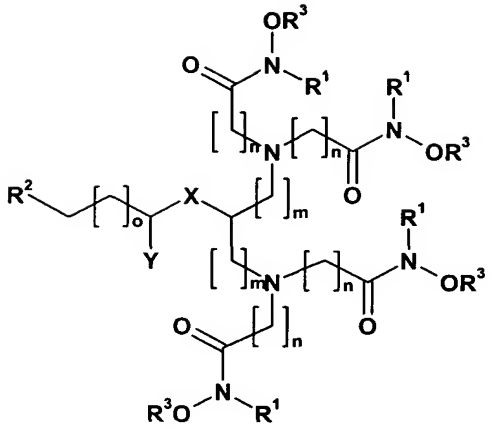
R^1 is hydrogen or methyl;

R^2 is an activated ester such as *p*-nitrophenyl ester;

R^3 is hydrogen or *tert*-butyldiphenylsilyl;

R^4 is methyl, ethyl, propyl or butyl

9. A compound having the formula:



where:

n, m and o are, independently, an integer from 1 to about 4;

X is CH_2, nitrogen ($N(R^4)$), oxygen or sulfur;

Y is hydrogen, -OH (hydroxyl), =O (carbonyl), $N(R^4)(R^5)$, or =S;

R^1 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

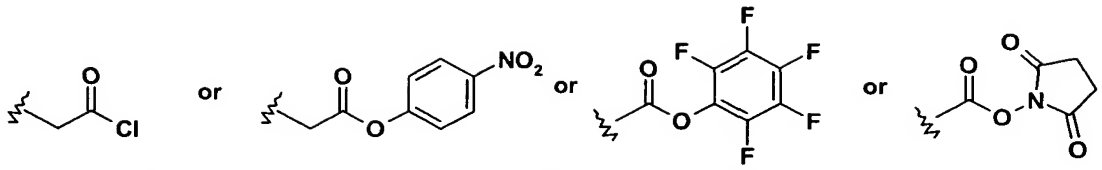
R^2 is an active group such as an activated ester, a carboxylic acid, an alkyl isothiocyanate, an aromatic isothiocyanate or a leaving group;

R^3 is hydrogen or a protective group;

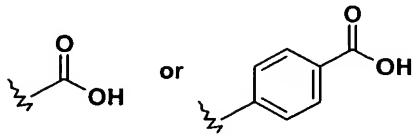
R^4 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

R^5 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

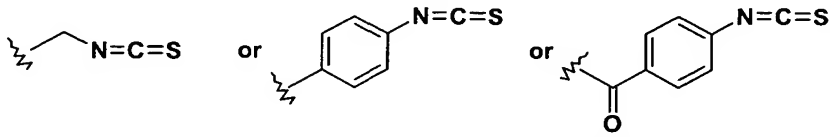
10. The compound of claim 9 wherein the activated ester:



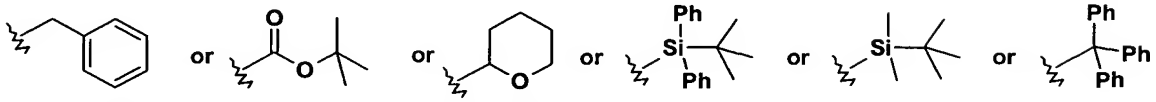
11. The compound of claim 9 wherein the carboxylic acid group:



12. The compound of claim 9 wherein the isothiocyanato group is:



13. The compound of claim 9 wherein R^3 is hydrogen or a protective:



14. The compound of claim 9, wherein the protecting group is tert-butoxycarbonyl or benzyloxycarbonyl.

15. The compound of claim 9 wherein:

n or m or o is 1 or 2;

X is nitrogen ($N(R^4)$) or oxygen;

Y is hydrogen or =O (carbonyl);

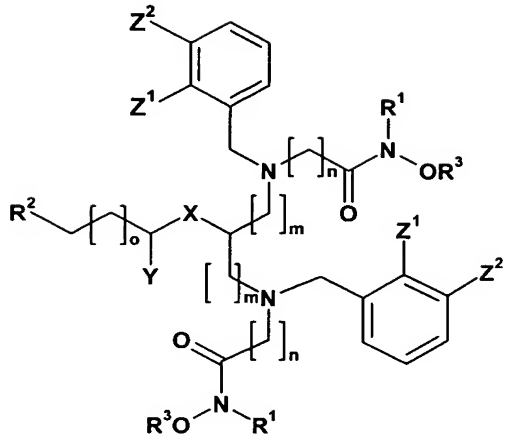
R^1 is hydrogen or methyl;

R^2 is an actived ester such as *p*-nitrophenyl ester;

R^3 is hydrogen or *tert*-butyldiphenylsilyl;

R^4 is methyl, ethyl, propyl or butyl;

16. A compound having the formula:



where n, m and o are, independently, an integer from 1 to about 4;

X is CH_2, nitrogen ($N(R^4)$), oxygen or sulfur;

Y is hydrogen, -OH (hydroxyl), =O (carbonyl), $N(R^4)(R^5)$, or =S;

R^1 is hydrogen, alkyl having 1 to 4 carbon atoms, or a protective group;

R^2 is an active group such as an activated ester, a carboxylic acid, or a leaving group;

R^3 is hydrogen or a protective group;

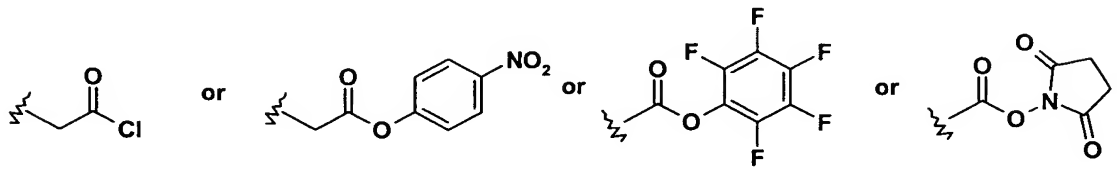
R^4 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

R^5 is hydrogen, alkyl having 1 to 5 carbon atoms, or a protective group;

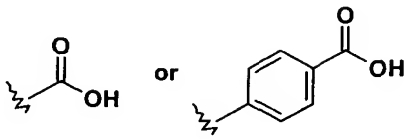
Z^1 is hydrogen, nitrogen, oxygen, or sulfur;

Z^2 is hydrogen, nitrogen, oxygen, or sulfur.

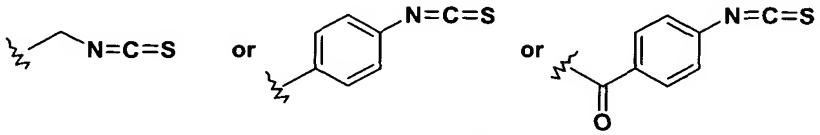
17. The compound of claim 16 wherein the activated ester is selected from the group comprising:



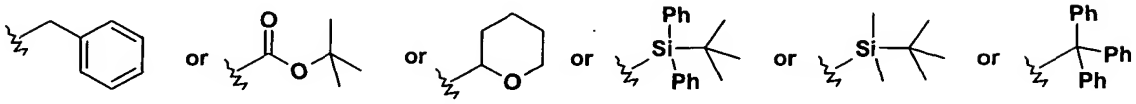
18. The compound of claim 16 wherein the carboxylic acid group is:



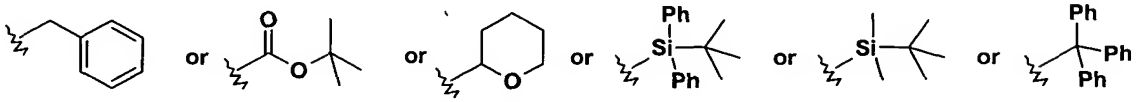
19. The compound of claim 16 wherein the isothiocyanato group is:



20. The compound of claim 16 wherein R^3 is hydrogen or a suitable protective group:



21. The compound of claim 16 wherein the protective group is *tert*-butoxycarbonyl or benzyloxycarbonyl.



22. The compound of claim 16 wherein:

n or m or o is 1 or 2;

X is nitrogen ($N(R^4)$) or oxygen;

Y is hydrogen or =O (carbonyl);

R^1 is hydrogen or methyl;

R^2 is an activated ester such as *p*-nitrophenyl ester;

R^3 is hydrogen or *tert*-butyldiphenylsilyl

R^4 is methyl, ethyl, propyl or butyl;

Z^1 is oxygen (phenol);

Z^2 is hydrogen or oxygen (phenol);

23. A pharmaceutical composition comprising a compound according to claim 1 in free or in pharmaceutically acceptable salt form and one or more pharmaceutically acceptable carriers or diluents.

24. A pharmaceutical composition comprising a compound according to claim 9 in free or in pharmaceutically acceptable salt form and one or more pharmaceutically acceptable carriers or diluents.

25. A pharmaceutical composition comprising a compound according to claim 16 in free or in pharmaceutically acceptable salt form and one or more pharmaceutically acceptable carriers or diluents.

26. A method comprising administering to an animal a compound of claim 1 complexed with a radionuclide.

27. The method of claim 26 further comprising detecting said radionuclide in said animal.

28. A method comprising administering to an animal a compound of claim 9 complexed with a radionuclide.

29. A method comprising administering to an animal a compound of claim 16 complexed with a radionuclide.

30. A method comprising the steps of identifying an animal suspected of having a disease characterized by the presence of tumor cells and administering to said animal a compound according to claim 1 complexed with a radionuclide.

31. The method of claim 30 further comprising the step of detecting said

radionuclide in said animal.

32. A method comprising the steps of identifying an animal suspected of having a disease characterized by the presence of tumor cells and administering to said animal a compound according to claim 9 complexed with a radionuclide.

33. A method comprising the steps of identifying an animal suspected of having a disease characterized by the presence of tumor cells and administering to said animal a compound according to claim 16 complexed with a radionuclide.